

MATERIAL SAFETY 3M  
DATA SHEET 3M Center  
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DIVISION: CONSTRUCTION AND HOME IMPROVEMENT PRODS

TRADE NAME:

Liquid Mask

ID NUMBER/U.P.C.:

70-0707-3183-4	00-51131-70452-7	70-0708-2867-1	00-51131-76582-5
70-0708-3590-8	00-51131-76733-1	70-0710-1025-3	00-51131-70452-7
98-0701-4831-1	00-51115-08009-8	98-0701-4832-9	00-51115-08010-4
98-0701-4833-7	00-51115-08011-1	98-0701-4834-5	00-51115-08012-8

ISSUED: October 17, 2000

SUPERSEDES: September 28, 2000

DOCUMENT: 05-2703-6

1. INGREDIENT	C.A.S. NO.	PERCENT
ACRYLIC COPOLYMER.....	Unknown	45.0 - 55.0
WATER.....	7732-18-5	35.0 - 45.0
PROPYLENE GLYCOL.....	57-55-6	1.0 - 5.0
2,2,4-TRIMETHYLPENTANE-1,3-DIOL MONOISOBUTYRATE.....	25265-77-4	1.0 - 5.0

## 2. PHYSICAL DATA

BOILING POINT:..... 212 F  
VAPOR PRESSURE:..... 17 mmHg  
VAPOR DENSITY:..... < 1 Air=1  
EVAPORATION RATE:..... < 1 BuOAc=1  
SOLUBILITY IN WATER:..... complete  
SPECIFIC GRAVITY:..... 1.12 Water=1 ASTM  
PERCENT VOLATILE:..... 47 %  
pH:..... 8.8 - 9.5  
VISCOSITY:..... > 1000 centipoise  
MELTING POINT:..... 32 F

APPEARANCE AND ODOR:

Liquid, Colorless, Pungent odor.

Abbreviations: N/D - Not Determined N/A - Not Applicable CA - Approximately

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3. FIRE AND EXPLOSION HAZARD DATA  
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FLASH POINT:..... N/A  
FLAMMABLE LIMITS - LEL:..... N/A  
FLAMMABLE LIMITS - UEL:..... N/A  
AUTOIGNITION TEMPERATURE:..... N/A

EXTINGUISHING MEDIA:

Non-combustible. Choose material suitable for surrounding fire.

SPECIAL FIRE FIGHTING PROCEDURES:

Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None known.

NFPA HAZARD CODES: HEALTH: 1 FIRE: 0 REACTIVITY: 0  
UNUSUAL REACTION HAZARD: none

OSHA FIRE HAZARD CLASS: Not applicable

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4. REACTIVITY DATA  
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STABILITY: Stable

INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID:

No information found.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS:

Will produce steam at temperatures above 100 degrees Celcius.

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5. ENVIRONMENTAL INFORMATION  
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SPILL RESPONSE:

Observe precautions from other sections. Ventilate area. Contain spill. Cover with absorbent material. Collect spilled material. Clean up residue. Place in a closed container.

RECOMMENDED DISPOSAL:

Incinerate uncured waste in an industrial or commercial incinerator. Dispose of completely cured (or polymerized) material in a sanitary landfill. Dispose of empty cans in a sanitary landfill.

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5. ENVIRONMENTAL INFORMATION (continued)  
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ENVIRONMENTAL DATA:  
Not determined.

REGULATORY INFORMATION:

Volatile Organic Compounds: 110 gms/liter ASTM METHOD.  
VOC Less H2O & Exempt Solvents: < 250 gms/liter.

Since regulations vary, consult applicable regulations or authorities before disposal. In the event of an uncontrolled release of this material, the user should determine if the release qualifies as a reportable quantity. U.S. EPA Hazardous Waste Number = None (Not U.S. EPA Hazardous).

EPCRA HAZARD CLASS:

FIRE HAZARD: No PRESSURE: No REACTIVITY: No ACUTE: Yes CHRONIC: Yes

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6. SUGGESTED FIRST AID  
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EYE CONTACT:

Immediately flush eyes with large amounts of water. Get immediate medical attention.

SKIN CONTACT:

Flush skin with large amounts of water. If irritation persists, get medical attention.

INHALATION:

No need for first aid is anticipated.

IF SWALLOWED:

Do not induce vomiting. Drink two glasses of water. Call a physician.

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7. PRECAUTIONARY INFORMATION  
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EYE PROTECTION:

Avoid eye contact.

SKIN PROTECTION:

Avoid prolonged or repeated skin contact.

RECOMMENDED VENTILATION:

Use in a well-ventilated area. Provide ventilation adequate to control vapor concentrations below recommended exposure limits and/or control spray or mist.

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7. PRECAUTIONARY INFORMATION (continued)  
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RESPIRATORY PROTECTION:

Avoid prolonged breathing of spray or mists. Select one of the following NIOSH approved respirators based on airborne concentration of contaminants and in accordance with OSHA regulations: half-mask dust and mist respirator.

PREVENTION OF ACCIDENTAL INGESTION:

Wash hands after handling and before eating. Do not ingest.

RECOMMENDED STORAGE:

Keep out of the reach of children. Keep container tightly closed.

Protect from freezing. Store at temperatures between 40 and 100 degrees F.

FIRE AND EXPLOSION AVOIDANCE:

Keep container tightly closed.

EXPOSURE LIMITS

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
ACRYLIC COPOLYMER.....	NONE	NONE	NONE	NONE	
WATER.....	NONE	NONE	NONE	NONE	
PROPYLENE GLYCOL.....	50	PPM	TWA	AIHA	
		VAPOR AND AEROSOL			
PROPYLENE GLYCOL.....	10	MG/M3	TWA	AIHA	
		Aerosol			
2,2,4-TRIMETHYLPENTANE-1,3-DIOL					
MONOISOBUTYRATE.....	NONE	NONE	NONE	NONE	

\* SKIN NOTATION: Listed substances indicated with 'Y' under SKIN refer to the potential contribution to the overall exposure by the cutaneous route including mucous membrane and eye, either by airborne or, more particularly, by direct contact with the substance. Vehicles can alter skin absorption.

SOURCE OF EXPOSURE LIMIT DATA:

- AIHA: American Industrial Hygiene Assoc. Workplace Environmental Exposure Level Guideline
- NONE: None Established

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8. HEALTH HAZARD DATA  
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EYE CONTACT:

Mild Eye Irritation: signs/symptoms can include redness, swelling, pain, and tearing.

SKIN CONTACT:

Mild Skin Irritation (after prolonged or repeated contact): signs/symptoms can include redness, swelling, and itching.

INHALATION:

This product may have a characteristic odor; however, no adverse health effects are anticipated.

IF SWALLOWED:

Irritation of Gastrointestinal Tissues: signs/symptoms can include pain, vomiting, abdominal tenderness, nausea, blood in vomitus, and blood in feces.

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SECTION CHANGE DATES  
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PRECAUTIONARY INFO. SECTION CHANGED SINCE September 28, 2000 ISSUE

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